

09/920689

FILE 'REGISTRY' ENTERED AT 10:51:12 ON 01 APR 2004  
ACT LEVY920/A

- Key terms

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L1 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "TRANS-8,TRANS-10-DODEC  
L2 ( 6) SEA FILE=REGISTRY ABB=ON PLU=ON (16974-11-1 OR 2077-10-  
L3 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON 20711-10-8/RN  
L4 ( 7) SEA FILE=REGISTRY ABB=ON PLU=ON L2 OR L3  
L5 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-11-TETRADECENYL AC  
L6 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-11-TETRADECENYL AC  
L7 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECENYL ACETAT  
L8 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-8-DODECENYL ACETAT  
L9 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECEN-1-OL"/CN  
L10 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z,Z)-3,13-OCTADECADIE  
L11 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E,Z)-3,13-OCTADECADIE  
L12 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-9-DODECENYL ACETAT  
L13 9 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2 OR L3 OR L4 OR  
-----

L14 1 S WATER/CN

FILE 'USPATFULL' ENTERED AT 10:52:12 ON 01 APR 2004  
L1 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "TRANS-8,TRANS-10-DODEC  
ADIEN-1-OL"/CN  
L2 ( 6) SEA FILE=REGISTRY ABB=ON PLU=ON (16974-11-1 OR  
2077-10-8 OR 33189-72-9 OR 33956-49-9 OR 40642-40-8 OR  
53120-26-6 OR 53120-27-7) /RN  
L3 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON 20711-10-8/RN  
L4 ( 7) SEA FILE=REGISTRY ABB=ON PLU=ON L2 OR L3  
L5 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-11-TETRADECENYL  
ACETATE"/CN  
L6 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-11-TETRADECENYL  
ACETATE"/CN  
L7 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECENYL  
ACETATE"/CN  
L8 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E)-8-DODECENYL  
ACETATE"/CN  
L9 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-8-DODECEN-1-OL"/CN  
L10 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z,Z)-3,13-OCTADECADIE  
N-1-YL ACETATE"/CN  
L11 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(E,Z)-3,13-OCTADECADIE  
N-1-OL ACETATE"/CN  
L12 ( 1) SEA FILE=REGISTRY ABB=ON PLU=ON "(Z)-9-DODECENYL  
ACETATE"/CN  
L13 9 SEA FILE=REGISTRY ABB=ON PLU=ON L1 OR L2 OR L3 OR L4  
OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12  
L14 1 SEA FILE=REGISTRY ABB=ON PLU=ON WATER/CN  
L15 141 SEA FILE=USPATFULL ABB=ON PLU=ON TRANS(W)8(W)TRANS(W)10  
(W)D!DECAD? OR ((E OR Z)(W)8(W)DODEC? OR (E OR Z)(W)Z(W)3  
(W)13(W) (OCTADEC? OR OCTA DEC?) OR (E OR Z)(W)11(W) (TETRA  
DEC? OR TETRA DEC?) OR Z(W)9(W)DODEC?) (3A)ACETATE OR Z 8  
DODECEN?  
L16 96 SEA FILE=USPATFULL ABB=ON PLU=ON (L13 OR L15)(L)(L14  
OR WATER OR H2O)  
L18 62 SEA FILE=USPATFULL ABB=ON PLU=ON L16(L) (MATRIX? OR  
MATRIC?)

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L19 33 SEA FILE=USPATFULL ABB=ON PLU=ON L18(L) (INORG OR  
INORGANIC?)  
L20 32 SEA FILE=USPATFULL ABB=ON PLU=ON L19(L) (LATEX (5A) PARTIC  
LE OR SURFACTANT OR SURFACE(1A)ACTIVE)  
L21 19 SEA FILE=USPATFULL ABB=ON PLU=ON L20(L) CHANNEL?

L21 ANSWER 1 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2004:7776 USPATFULL  
TITLE: Novel 27875, 22025, 27420, 17906, 16319, 55092  
and 10218 molecules and uses therefor  
INVENTOR(S): Kapeller-Libermann, Rosana, Chestnut Hill, MA,  
UNITED STATES  
White, David, Braintree, MA, UNITED STATES  
Robison, Keith E., Wilmington, MA, UNITED STATES  
MacBeth, Kyle J., Boston, MA, UNITED STATES  
Carroll, Joseph M., Cambridge, MA, UNITED STATES  
Cook, William James, Hanover, NH, UNITED STATES  
Meyers, Rachel E., Newton, MA, UNITED STATES  
Chun, Miyoung, Belmont, MA, UNITED STATES  
Williamson, Mark J., Saugus, MA, UNITED STATES  
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc. (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004006016	A1	20040108
APPLICATION INFO.:	US 2003-386414	A1	20030311 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-426282, filed on 25 Oct 1999, ABANDONED		
	Continuation-in-part of Ser. No. US 2000-668266, filed on 22 Sep 2000, ABANDONED		
	Continuation-in-part of Ser. No. US 1999-330970, filed on 11 Jun 1999, GRANTED, Pat. No. US 6146876 Continuation-in-part of Ser. No. US 2000-724599, filed on 28 Nov 2000, PENDING		
	Continuation-in-part of Ser. No. US 2001-860193, filed on 16 May 2001, PENDING		
	Continuation-in-part of Ser. No. US 2000-571689, filed on 16 May 2000, ABANDONED		
	Continuation-in-part of Ser. No. US 2002-283023, filed on 29 Oct 2002, PENDING		
	Continuation-in-part of Ser. No. US 2001-10943, filed on 6 Dec 2001, PENDING Continuation-in-part of Ser. No. US 2001-833082, filed on 10 Apr 2001, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-335044P	20011031 (60)
	US 2000-254037P	20001207 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA, 02139	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	

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LINE COUNT: 25349

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 27875, 22025, 27420, 16319, 55092 and 10218 nucleic acid molecules. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 27875, 22025, 27420, 16319, 55092 and 10218 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 27875, 22025, 27420, 16319, 55092 and 10218 gene has been introduced or disrupted. The invention still further provides isolated 27875, 22025, 27420, 17906, 16319, 55092 or 10218 proteins, fusion proteins, antigenic peptides and anti-27875, 22025, 27420, 17906, 16319, 55092 or 10218 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/012.000

INCLS: 530/350.000; 536/023.200; 435/006.000; 435/069.100;  
435/320.100; 435/325.000; 435/183.000

NCL NCLM: 514/012.000

NCLS: 530/350.000; 536/023.200; 435/006.000; 435/069.100;  
435/320.100; 435/325.000; 435/183.000

L21 ANSWER 2 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2004:2568 USPATFULL

TITLE: 50 human secreted proteins

INVENTOR(S): Moore, Paul A., Germantown, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
LaFleur, David W., Washington, DC, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Brewer, Laurie A., St. Paul, MN, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004002591	A1	20040101
APPLICATION INFO.:	US 2002-47021	A1	20020117 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-262066P	20010118 (60)
	US 1997-57626P	19970905 (60)
	US 1997-57663P	19970905 (60)
	US 1997-57669P	19970905 (60)
	US 1997-58666P	19970912 (60)
	US 1997-58667P	19970912 (60)

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US 1997-58973P 19970912 (60)  
US 1997-58974P 19970912 (60)  
US 1998-90112P 19980622 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 23  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Page(s)  
LINE COUNT: 33379

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 530/395.000

NCL NCLM: 530/395.000

L21 ANSWER 3 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:330125 USPATFULL

TITLE: Novel human ion channel and transporter family members

INVENTOR(S): Curtis, Rory A. J., Framingham, MA, UNITED STATES  
Silos-Santiago, Inmaculada, Jamaica Plain, MA,  
UNITED STATES  
Gu, Wei, Brookline, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003232336	A1	20031218
APPLICATION INFO.:	US 2002-162102	A1	20020604 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-875321, filed on 6 Jun 2001, PENDING Continuation-in-part of Ser. No. WO 2001-US18340, filed on 6 Jun 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US18340	20010606
	WO 2001-US18398	20010605
	WO 2001-US18247	20010605
	WO 2001-US25474	20010815
	WO 2001-US26096	20010821
	WO 2002-US9728	20020328
	US 2001-290288P	20010511 (60)
	US 2001-279281P	20010328 (60)
	US 2000-226770P	20000821 (60)
	US 2000-227068P	20000822 (60)
	US 2000-209845P	20000606 (60)

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DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Intellectual Property Group, MILLENNIUM PHARMACEUTICALS, INC., 75 Sidney Street, Cambridge, MA, 02139  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 40 Drawing Page(s)  
LINE COUNT: 38135

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, and 8105 nucleic acid molecules, which encode novel human calcium channel family members, human sodium ion channel family members, human potassium channel family members, human sodium-sugar symporter family members, human ABC transporter family members, human cation family members, and human sugar transporter family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 gene has been introduced or disrupted. The invention still further provides isolated 52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 proteins, fusion proteins, antigenic peptides and anti-52906, 33408, 12189, 21784, 56201, 32620, 44589, 84226, or 8105 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000  
INCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000;  
530/350.000; 536/023.500; 530/388.100  
NCL NCLM: 435/006.000  
NCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000;  
530/350.000; 536/023.500; 530/388.100

L21 ANSWER 4 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:318632 USPATFULL  
TITLE: Novel human transferase family members and uses thereof  
INVENTOR(S): Meyers, Rachel E., Newton, MA, UNITED STATES  
Williamson, Mark, Saugus, MA, UNITED STATES  
Leiby, Kevin R., Natick, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA,  
UNITED STATES  
Olandt, Peter J., Newton, MA, UNITED STATES  
MacBeth, Kyle J., Boston, MA, UNITED STATES  
Rudolph-Owen, Laura A., Jamaica Plain, MA, UNITED  
STATES  
Tsai, Fong-Ying, Newton, MA, UNITED STATES  
Hunter, John J., Somerville, MA, UNITED STATES

NUMBER	KIND	DATE
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Searcher : Shears 571-272-2528

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PATENT INFORMATION: US 2003224376 A1 20031204  
APPLICATION INFO.: US 2002-184648 A1 20020627 (10)  
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-815028,  
filed on 22 Mar 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-801220,  
filed on 7 Mar 2001, PENDING Continuation-in-part  
of Ser. No. US 2001-816714, filed on 23 Mar 2001,  
ABANDONED Continuation-in-part of Ser. No. US  
2001-844948, filed on 27 Apr 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-861164,  
filed on 18 May 2001, ABANDONED  
Continuation-in-part of Ser. No. US 2001-883060,  
filed on 15 Jun 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-962678,  
filed on 25 Sep 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-973457,  
filed on 9 Oct 2001, PENDING Continuation-in-part  
of Ser. No. US 2002-72285, filed on 8 Feb 2002,  
PENDING Continuation-in-part of Ser. No. US  
2001-817910, filed on 26 Mar 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-842528,  
filed on 25 Apr 2001, ABANDONED  
Continuation-in-part of Ser. No. US 2001-882836,  
filed on 15 Jun 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-882872,  
filed on 15 Jun 2001, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US9358	20010322
	WO 2001-US7269	20010307
	WO 2001-US9468	20010323
	WO 2001-US13805	20010427
	WO 2001-US16292	20010518
	WO 2001-US19138	20010615
	WO 2001-US29963	20010925
	WO 2002-US3736	20020208
	WO 2001-US9633	20010326
	WO 2001-US40607	20010425
	WO 2001-US19543	20010615
	WO 2001-US19153	20010615
	US 2000-191964P	20000324 (60)
	US 2000-187456P	20000307 (60)
	US 2000-191865P	20000324 (60)
	US 2000-200604P	20000428 (60)
	US 2000-205408P	20000519 (60)
	US 2000-212079P	20000615 (60)
	US 2000-235044P	20000925 (60)
	US 2000-238849P	20001006 (60)
	US 2001-267494P	20010208 (60)
	US 2000-192092P	20000324 (60)
	US 2000-199500P	20000425 (60)
	US 2000-211730P	20000615 (60)
	US 2000-212077P	20000615 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

09/920689

LEGAL REPRESENTATIVE: Theodore R. Allen, Millennium Pharmaceuticals,  
Inc., 75 Sidney Street, Cambridge, MA, 02139

NUMBER OF CLAIMS: 19

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 125 Drawing Page(s)

LINE COUNT: 66695

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, and 53320 nucleic acid molecules, which encode novel human transferase family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 gene has been introduced or disrupted. The invention still further provides isolated 33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 proteins, fusion proteins, antigenic peptides and anti-33877, 47179, 26886, 25552, 32132, 32244, 23680, 32624, 47174, 60491, 46743, 27417, 27960, 32252, or 53320 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000

INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 424/144.100; 514/007.000; 514/001.000;  
514/012.000

NCL NCLM: 435/006.000

NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 424/144.100; 514/007.000; 514/001.000;  
514/012.000

L21 ANSWER 5 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:258639 USPATFULL

TITLE: 207 human secreted proteins

INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
LaFleur, David W., Washington, DC, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Florence, Kimberly A., Rockville, MD, UNITED STATES  
STATES  
Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
Florence, Charles, Rockville, MD, UNITED STATES  
Hu, Jing-Shan, Mountain View, CA, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES

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Kyaw, Hla, Frederick, MD, UNITED STATES  
Fischer, Carrie L., Burke, VA, UNITED STATES  
Ferrie, Ann M., Painted Post, NY, UNITED STATES  
Fan, Ping, Potomac, MD, UNITED STATES  
Feng, Ping, Gaithersburg, MD, UNITED STATES  
Endress, Gregory A., Florence, MA, UNITED STATES  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
Carter, Kenneth C., North Potomac, MD, UNITED STATES  
Brewer, Laurie A., St. Paul, MN, UNITED STATES  
Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Zeng, Zhizhen, Lansdale, PA, UNITED STATES  
Greene, John M., Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003181692	A1	20030925
APPLICATION INFO.:	US 2001-933767	A1	20010822 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2001-US5614, filed on 21 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1998-205258, filed on 4 Dec 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-184836P	20000224 (60)
	US 2000-193170P	20000329 (60)
	US 1997-48885P	19970606 (60)
	US 1997-49375P	19970606 (60)
	US 1997-48881P	19970606 (60)
	US 1997-48880P	19970606 (60)
	US 1997-48896P	19970606 (60)
	US 1997-49020P	19970606 (60)
	US 1997-48876P	19970606 (60)
	US 1997-48895P	19970606 (60)
	US 1997-48884P	19970606 (60)
	US 1997-48894P	19970606 (60)
	US 1997-48971P	19970606 (60)
	US 1997-48964P	19970606 (60)
	US 1997-48882P	19970606 (60)
	US 1997-48899P	19970606 (60)
	US 1997-48893P	19970606 (60)
	US 1997-48900P	19970606 (60)
	US 1997-48901P	19970606 (60)
	US 1997-48892P	19970606 (60)
	US 1997-48915P	19970606 (60)
	US 1997-49019P	19970606 (60)
	US 1997-48970P	19970606 (60)
	US 1997-48972P	19970606 (60)
	US 1997-48916P	19970606 (60)
	US 1997-49373P	19970606 (60)
	US 1997-48875P	19970606 (60)
	US 1997-49374P	19970606 (60)
	US 1997-48917P	19970606 (60)
	US 1997-48949P	19970606 (60)
	US 1997-48974P	19970606 (60)

Searcher : Shears 571-272-2528

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US 1997-48883P	19970606 (60)
US 1997-48897P	19970606 (60)
US 1997-48898P	19970606 (60)
US 1997-48962P	19970606 (60)
US 1997-48963P	19970606 (60)
US 1997-48877P	19970606 (60)
US 1997-48878P	19970606 (60)
US 1997-57645P	19970905 (60)
US 1997-57642P	19970905 (60)
US 1997-57668P	19970905 (60)
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US 1997-57769P	19970905 (60)
US 1997-57763P	19970905 (60)
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US 1997-57762P	19970905 (60)
US 1997-57775P	19970905 (60)
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US 1997-57777P	19970905 (60)
US 1997-57634P	19970905 (60)
US 1997-70923P	19971218 (60)
US 1998-92921P	19980715 (60)
US 1998-94657P	19980730 (60)
US 1997-70923P	19971218 (60)
US 1998-92921P	19980715 (60)
US 1998-94657P	19980730 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23

1

NUMBER OF DRAWINGS: 10 Drawing Page(s)

09/920689

LINE COUNT: 32746

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 536/023.100

INCLS: 530/350.000; 435/325.000; 435/183.000; 435/069.100;  
435/320.100

NCL NCLM: 536/023.100

NCLS: 530/350.000; 435/325.000; 435/183.000; 435/069.100;  
435/320.100

L21 ANSWER 6 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:257879 USPATFULL

TITLE: Novel human protein kinase, phosphatase, and protease family members and uses thereof

INVENTOR(S): Meyers, Rachel E., Newton, MA, UNITED STATES  
Olandt, Peter J., Newton, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA,  
UNITED STATES  
Curtis, Rory A. J., Framingham, MA, UNITED STATES  
Williamson, Mark, Saugus, MA, UNITED STATES  
Weich, Nadine, Brookline, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003180930	A1	20030925
APPLICATION INFO.:	US 2002-170789	A1	20020613 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-797039, filed on 28 Feb 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-882166, filed on 15 Jun 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-934406, filed on 21 Aug 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-861801, filed on 21 May 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-801267, filed on 6 Mar 2001, PENDING Continuation-in-part of Ser. No. US 2001-829671, filed on 10 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2001-961721, filed on 24 Sep 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-45367, filed on 7 Nov 2001, PENDING Continuation-in-part of Ser. No. US 2001-801275, filed on 6 Mar 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US6525	20010228

Searcher : Shears 571-272-2528

WO 2001-US19269	20010615
WO 2001-US26052	20010821
WO 2001-US16549	20010521
WO 2001-US7138	20010305
WO 2001-US40483	20010411
WO 2001-US29904	20010924
WO 2001-US7074	20010305
US 2000-186061P	20000229 (60)
US 2000-212078P	20000615 (60)
US 2000-226740P	20000821 (60)
US 2000-205508P	20000519 (60)
US 2000-187454P	20000307 (60)
US 2000-197508P	20000418 (60)
US 2000-235023P	20000925 (60)
US 2000-246561P	20001107 (60)
US 2000-187420P	20000307 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: LOUIS MYERS, Fish &amp; Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804

NUMBER OF CLAIMS: 19

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 62 Drawing Page(s)

LINE COUNT: 45159

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, and 23436 nucleic acid molecules, which encode novel human protein kinase family members, serine/threonine protein kinase family members, hexokinase family members, serine/threonine phosphatase family members, prolyl oligopeptidase family members, trypsin family members, trypsin serine protease family members, and ubiquitin protease family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 gene has been introduced or disrupted. The invention still further provides isolated 2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 proteins, fusion proteins, antigenic peptides and anti-2504, 15977, 14760, 53070, 15985, 50365, 26583, 21953, m32404, 14089, or 23436 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/194.000

INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200

NCL NCLM: 435/194.000

NCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200

L21 ANSWER 7 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:251072 USPATFULL

TITLE: 186 human secreted proteins

09/920689

INVENTOR(S) :

Ruben, Steven M., Olney, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Carter, Kenneth C., North Potomac, MD, UNITED STATES  
Bednarik, Daniel P., Columbia, MD, UNITED STATES  
Endress, Gregory A., Florence, MA, UNITED STATES  
Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Feng, Ping, Germantown, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Greene, John M., Gaithersburg, MD, UNITED STATES  
Ferrie, Ann M., Painted Post, NY, UNITED STATES  
Duan, D. Roxanne, Bethesda, MD, UNITED STATES  
Hu, Jing-Shan, Mountain View, CA, UNITED STATES  
Florence, Kimberly A., Rockville, MD, UNITED STATES  
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
Fischer, Carrie L., Burke, VA, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Brewer, Laurie A., St. Paul, MN, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
LaFleur, David W., Washington, DC, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES  
Zeng, ZhiZhen, Lansdale, PA, UNITED STATES  
Kyaw, Hla, Frederick, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003175858	A1	20030918
APPLICATION INFO.:	US 2001-882171	A1	20010618 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-809391, filed on 16 Mar 2001, PENDING Continuation of Ser. No. US 1998-149476, filed on 8 Sep 1998, GRANTED, Pat. No. US 6420526 Continuation-in-part of Ser. No. WO 1998-US4493, filed on 6 Mar 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-190068P	20000317 (60)
	US 1997-40162P	19970307 (60)
	US 1997-40333P	19970307 (60)
	US 1997-38621P	19970307 (60)
	US 1997-40626P	19970307 (60)
	US 1997-40334P	19970307 (60)
	US 1997-40336P	19970307 (60)
	US 1997-40163P	19970307 (60)
	US 1997-47600P	19970523 (60)
	US 1997-47615P	19970523 (60)
	US 1997-47597P	19970523 (60)
	US 1997-47502P	19970523 (60)
	US 1997-47633P	19970523 (60)
	US 1997-47583P	19970523 (60)
	US 1997-47617P	19970523 (60)
	US 1997-47618P	19970523 (60)

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US 1997-47503P	19970523	(60)
US 1997-47592P	19970523	(60)
US 1997-47581P	19970523	(60)
US 1997-47584P	19970523	(60)
US 1997-47500P	19970523	(60)
US 1997-47587P	19970523	(60)
US 1997-47492P	19970523	(60)
US 1997-47598P	19970523	(60)
US 1997-47613P	19970523	(60)
US 1997-47582P	19970523	(60)
US 1997-47596P	19970523	(60)
US 1997-47612P	19970523	(60)
US 1997-47632P	19970523	(60)
US 1997-47601P	19970523	(60)
US 1997-43580P	19970411	(60)
US 1997-43568P	19970411	(60)
US 1997-43314P	19970411	(60)
US 1997-43569P	19970411	(60)
US 1997-43311P	19970411	(60)
US 1997-43671P	19970411	(60)
US 1997-43674P	19970411	(60)
US 1997-43669P	19970411	(60)
US 1997-43312P	19970411	(60)
US 1997-43313P	19970411	(60)
US 1997-43672P	19970411	(60)
US 1997-43315P	19970411	(60)
US 1997-48974P	19970606	(60)
US 1997-56886P	19970822	(60)
US 1997-56877P	19970822	(60)
US 1997-56889P	19970822	(60)
US 1997-56893P	19970822	(60)
US 1997-56630P	19970822	(60)
US 1997-56878P	19970822	(60)
US 1997-56662P	19970822	(60)
US 1997-56872P	19970822	(60)
US 1997-56882P	19970822	(60)
US 1997-56637P	19970822	(60)
US 1997-56903P	19970822	(60)
US 1997-56888P	19970822	(60)
US 1997-56879P	19970822	(60)
US 1997-56880P	19970822	(60)
US 1997-56894P	19970822	(60)
US 1997-56911P	19970822	(60)
US 1997-56636P	19970822	(60)
US 1997-56874P	19970822	(60)
US 1997-56910P	19970822	(60)
US 1997-56864P	19970822	(60)
US 1997-56631P	19970822	(60)
US 1997-56845P	19970822	(60)
US 1997-56892P	19970822	(60)
US 1997-57761P	19970905	(60)
US 1997-47595P	19970523	(60)
US 1997-47599P	19970523	(60)
US 1997-47588P	19970523	(60)
US 1997-47585P	19970523	(60)
US 1997-47586P	19970523	(60)

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US 1997-47590P	19970523 (60)
US 1997-47594P	19970523 (60)
US 1997-47589P	19970523 (60)
US 1997-47593P	19970523 (60)
US 1997-47614P	19970523 (60)
US 1997-43578P	19970411 (60)
US 1997-43576P	19970411 (60)
US 1997-47501P	19970523 (60)
US 1997-43670P	19970411 (60)
US 1997-56632P	19970822 (60)
US 1997-56664P	19970822 (60)
US 1997-56876P	19970822 (60)
US 1997-56881P	19970822 (60)
US 1997-56909P	19970822 (60)
US 1997-56875P	19970822 (60)
US 1997-56862P	19970822 (60)
US 1997-56887P	19970822 (60)
US 1997-56908P	19970822 (60)
US 1997-48964P	19970606 (60)
US 1997-57650P	19970905 (60)
US 1997-56884P	19970822 (60)
US 1997-57669P	19970905 (60)
US 1997-49610P	19970613 (60)
US 1997-61660P	19971009 (60)
US 1997-51926P	19970708 (60)
US 1997-52874P	19970716 (60)
US 1997-58785P	19970912 (60)
US 1997-55724P	19970818 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

23

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS: 2 Drawing Page(s)

LINE COUNT: 26326

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100

INCLS: 435/183.000; 435/320.100; 435/325.000; 435/006.000;  
530/350.000; 536/023.200

NCL NCLM: 435/069.100

NCLS: 435/183.000; 435/320.100; 435/325.000; 435/006.000;  
530/350.000; 536/023.200

L21 ANSWER 8 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:237734 USPATFULL

Searcher : Shears 571-272-2528

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TITLE: Novel TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9 alpha2delta-4, 54414, and 53763 molecules and uses therefor

INVENTOR(S): Curtis, Rory A.J., Framingham, MA, UNITED STATES  
Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
Silos-Santiago, Inmaculada, Cambridge, MA, UNITED STATES

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., Cambridge, MA, UNITED STATES, 02139 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003165891	A1	20030904
APPLICATION INFO.:	US 2002-146733	A1	20020515 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-518866, filed on 3 Mar 2000, ABANDONED Continuation of Ser. No. US 2000-515520, filed on 29 Feb 2000, PENDING Continuation of Ser. No. US 2001-796720, filed on 28 Feb 2001, PENDING Continuation of Ser. No. US 2001-828035, filed on 6 Apr 2001, PENDING Continuation of Ser. No. US 2001-833081, filed on 11 Apr 2001, PENDING Continuation of Ser. No. US 2001-843128, filed on 25 Apr 2001, PENDING Continuation of Ser. No. US 2001-957683, filed on 19 Sep 2001, PENDING Continuation of Ser. No. US 2001-964252, filed on 25 Sep 2001, PENDING Continuation of Ser. No. US 2001-964256, filed on 25 Sep 2001, PENDING Continuation of Ser. No. US 2001-24623, filed on 17 Dec 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-185938P	20000229 (60)
	US 2000-195734P	20000407 (60)
	US 2000-195993P	20000411 (60)
	US 2000-199799P	20000426 (60)
	US 2000-233537P	20000919 (60)
	US 2000-235059P	20000925 (60)
	US 2000-235018P	20000925 (60)
	US 2000-256240P	20001215 (60)
	US 2000-256588P	20001218 (60)
	US 2000-258028P	20001221 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109

NUMBER OF CLAIMS: 23  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 249 Drawing Page(s)  
LINE COUNT: 43430

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9,  $\alpha$ .sub.28-4, 54414, and 53763 nucleic acid molecules, which encode novel ion channel family molecules,

including calcium channels, potassium channels, and NMDA receptors. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9,  $\alpha$ .sub.28-4, 54414, and 53763 nucleic acid molecules, host cells into which the expression vectors have been introduced, and non-human transgenic animals in which a TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9,  $\alpha$ .sub.28-4, 54414, or 53763 gene has been introduced or disrupted. The invention still further provides isolated TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9,  $\alpha$ .sub.28-4, 54414, and 53763 polypeptides, fusion polypeptides, antigenic peptides and anti-TWIK-6, TWIK-7, IC23927, TWIK-8, IC47611, IC47615, HNMDA-1, TWIK-9,  $\alpha$ .sub.28-4, 54414, and 53763 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL	INCLM: 435/006.000
	INCLS: 435/069.100; 435/194.000; 435/320.100; 435/325.000;
	530/350.000; 536/023.200; 530/388.220; 435/007.200
NCL	NCLM: 435/006.000
	NCLS: 435/069.100; 435/194.000; 435/320.100; 435/325.000;
	530/350.000; 536/023.200; 530/388.220; 435/007.200

L21 ANSWER 9 OF 19 USPATFULL on STN

ACCESSION NUMBER:	2003:207317 USPATFULL
TITLE:	Novel 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt molecules and uses therefor
INVENTOR(S):	Curtis, Rory A.J., Framingham, MA, UNITED STATES Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES
PATENT ASSIGNEE(S):	Meyers, Rachel E., Newton, MA, UNITED STATES Millennium Pharmaceuticals, Inc., Cambridge, MA (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003143675	A1	20030731
APPLICATION INFO.:	US 2002-154419	A1	20020522 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-858194, filed on 14 May 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-895811, filed on 29 Jun 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-919781, filed on 31 Jul 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-957664, filed on 19 Sep 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-964295, filed on 25 Sep 2001, PENDING		
	Continuation-in-part of Ser. No. US 2001-972724, filed on 5 Oct 2001, PENDING Continuation-in-part		

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of Ser. No. US 2001-2769, filed on 14 Nov 2001,  
PENDING Continuation-in-part of Ser. No. US  
2001-24623, filed on 17 Dec 2001, PENDING  
Continuation-in-part of Ser. No. US 2002-55025,  
filed on 22 Jan 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:		
	US 2000-204211P	200000512 (60)
	US 2000-215376P	200000629 (60)
	US 2000-221769P	200000731 (60)
	US 2000-233790P	200000919 (60)
	US 2000-235107P	200000925 (60)
	US 2000-238336P	200001005 (60)
	US 2000-248364P	200001114 (60)
	US 2000-248878P	200001115 (60)
	US 2000-256240P	200001215 (60)
	US 2000-256588P	200001218 (60)
	US 2000-258028P	200001221 (60)
	US 2001-263169P	20010122 (60)
	US 2001-263169P	20010122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Intellectual Property Group, MILLENNIUM PHARMACEUTICALS, INC., 75 Sidney Street, Cambridge, MA, 02139	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	252 Drawing Page(s)	
LINE COUNT:	45817	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The invention provides isolated nucleic acids molecules, designated 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt nucleic acid molecules, which encode transporter molecules, including sugar transporters, organic anion transporters, amino acid transporters, and phospholipid transporters. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt nucleic acid molecules, host cells into which the expression vectors have been introduced, and non-human transgenic animals in which a 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt gene has been introduced or disrupted. The invention still further provides isolated 38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt polypeptides, fusion polypeptides, antigenic peptides and anti-38594, 57312, 53659, 57250, 63760, 49938, 32146, 57259, 67118, 67067, 62092, 8099, 46455, 54414, 53763, 67076, 67102, 44181, 67084FL, 67084ALT, FBH58295FL, 57255, and 57255alt antibodies. Diagnostic and therapeutic methods utilizing	

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compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.200  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.200

L21 ANSWER 10 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:206834 USPATFULL  
TITLE: Chemokine beta-1 fusion proteins  
INVENTOR(S): Bell, Adam, Germantown, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003143191	A1	20030731
APPLICATION INFO.:	US 2002-153604	A1	20020524 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-293212P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	21 Drawing Page(s)	
LINE COUNT:	15446	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel chemokine polypeptides and encoding nucleic acids. More specifically, therapeutic compositions and methods are provided using isolated nucleic acid molecules encoding a human chemokine beta-1 ( $Ck\beta-1$  or  $Ckb1$ ) polypeptide (previously termed monocyte-colony inhibitory factor (M-CIF), MIP1- $\gamma$ , and Hemofiltrate CC chemokine-1 (HCC-1)), and  $Ckb1$  polypeptides themselves, as are vectors, host cells and recombinant methods for producing the same. Also provided are methods of treating, preventing, ameliorating diseases using such compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/085.100  
INCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100;  
435/325.000  
NCL NCLM: 424/085.100  
NCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100;  
435/325.000

L21 ANSWER 11 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:200905 USPATFULL  
TITLE: Novel G protein-coupled receptor family members, human thioredoxin family members, human leucine-rich repeat family members, and human ringfinger family member

09/920689

INVENTOR(S): Glucksmann, Maria Alexandra, Lexington, MA,  
UNITED STATES  
Silos-Santiago, Inmaculada, Jamaica Plain, MA,  
UNITED STATES  
Galvin, Katherine M., Jamaica Plain, MA, UNITED  
STATES  
Weich, Nadine, Brookline, MA, UNITED STATES  
Curtis, Rory A. J., Framingham, MA, UNITED STATES  
Bandaru, Rajasekhar, Watertown, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA,  
UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003138890	A1	20030724
APPLICATION INFO.:	US 2002-145586	A1	20020514 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-796338, filed on 28 Feb 2001, PENDING		
	Continuation-in-part of Ser. No. WO 2001-US6543, filed on 28 Feb 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US6057	20010223
	WO 2001-US23152	20010723
	WO 2001-US40476	20010409
	WO 2001-US7139	20010305
	WO 2001-US19544	20010615
	WO 2001-US29967	20010925
	WO 2001-US9470	20010323
	WO 2001-US10380	20010330
	WO 2001-US29968	20010925
	US 2000-186059P	20000229 (60)
	US 2000-220042P	20000721 (60)
	US 2000-187447P	20000307 (60)
	US 2000-211673P	20000615 (60)
	US 2000-235049P	20000925 (60)
	US 2000-191863P	20000324 (60)
	US 2000-193919P	20000331 (60)
	US 2000-235032P	20000925 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: JOHN W. FREEMAN, ESQ., Fish & Richardson P.C.,  
225 Franklin Street, Boston, MA, 02110-2804

NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 97 Drawing Page(s)  
LINE COUNT: 51652

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, and 84241 nucleic acid molecules, which encode novel G protein-coupled receptor family members, human thioredoxin family members, human leucine-rich repeat family members, and human ringfinger family member. The invention also provides antisense nucleic acid

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molecules, recombinant expression vectors containing 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 gene has been introduced or disrupted. The invention still further provides isolated 20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 proteins, fusion proteins, antigenic peptides and anti-20716, 65494, 44576, 1983, 52881, 2398, 45449, 50289, 52872, 22105, 22109, 22108, 47916, 33395, 31939, or 84241 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500

L21 ANSWER 12 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:146312 USPATFULL  
TITLE: Human G-protein Chemokine Receptor (CCR5) HDGNR10  
INVENTOR(S): Roschke, Viktor, Rockville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003100058	A1	20030529
APPLICATION INFO.:	US 2002-67800	A1	20020208 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2001-US4153, filed on 9 Feb 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-779880, filed on 9 Feb 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-297257P	20010612 (60)
	US 2001-310458P	20010808 (60)
	US 2001-328447P	20011012 (60)
	US 2001-341725P	20011221 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934  
NUMBER OF CLAIMS: 60  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 7 Drawing Page(s)  
LINE COUNT: 18955

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGNR10, and isolated

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polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and recombinant methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/069.100  
INCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530  
NCL NCLM: 435/069.100  
NCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530

L21 ANSWER 13 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2003:140464 USPATFULL  
TITLE: Novel human membrane-associated protein and cell surface protein family members  
INVENTOR(S): Meyers, Rachel E., Newton, MA, UNITED STATES  
Glucksmann, Maria Alexandra, Lexington, MA,  
UNITED STATES  
Curtis, Rory A. J., Framingham, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA,  
UNITED STATES  
Bandaru, Rajasekhar, Watertown, MA, UNITED STATES  
Leiby, Kevin R., Natick, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003096305	A1	20030522
APPLICATION INFO.:	US 2002-162435	A1	20020604 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-836499, filed on 17 Apr 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US12420	20010417
	WO 2001-US19963	20010625
	WO 2001-US16013	20010518
	WO 2001-US20055	20010621
	WO 2002-US275	20020108
	WO 2001-US41811	20010821
	US 2000-197507P	20000418 (60)
	US 2000-214220P	20000623 (60)
	US 2000-205674P	20000519 (60)
	US 2000-213963P	20000623 (60)
	US 2001-260286P	20010108 (60)
	US 2000-226612P	20000821 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	LOUIS MYERS, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	19	

EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 22 Drawing Page(s)  
 LINE COUNT: 30445

## CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acids molecules, designated 16051a, 16051b, 58199, 57805, 56739, 39362, and 23228 nucleic acid molecules, which encode novel human membrane-associated protein family members, and human cell surface protein family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 gene has been introduced or disrupted. The invention still further provides isolated 16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 proteins, fusion proteins, antigenic peptides and anti-16051a, 16051b, 58199, 57805, 56739, 39362, or 23228 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

## CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/007.100  
 INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;  
 530/350.000; 530/388.100; 536/023.200  
 NCL NCLM: 435/007.100  
 NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;  
 530/350.000; 530/388.100; 536/023.200

L21 ANSWER 14 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:120747 USPATFULL  
 TITLE: Blood cell deficiency treatment method  
 INVENTOR(S): Ahlem, Clarence N., San Diego, CA, UNITED STATES  
 Reading, Christopher, San Diego, CA, UNITED STATES  
 Frincke, James, San Diego, CA, UNITED STATES  
 Stickney, Dwight, Granite Bay, CA, UNITED STATES  
 Lardy, Henry A., Madison, WI, UNITED STATES  
 Marwah, Padma, Middleton, WI, UNITED STATES  
 Marwah, Ashok, Middleton, WI, UNITED STATES  
 Prendergast, Patrick T., Straffan, IRELAND

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003083231	A1	20030501
APPLICATION INFO.:	US 2002-87929	A1	20020301 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-675470, filed on 28 Sep 2000, PENDING		
	Continuation-in-part of Ser. No. US 2001-820483, filed on 29 Mar 2001, PENDING		
	Continuation-in-part of Ser. No. US 2000-535675, filed on 23 Mar 2000, PENDING		
	Continuation-in-part of Ser. No. US 1999-449004, filed on 24 Nov 1999, ABANDONED		
	Continuation-in-part of Ser. No. US 1999-449184, filed on 24 Nov 1999, ABANDONED		

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Continuation-in-part of Ser. No. US 1999-449042,  
filed on 24 Nov 1999, ABANDONED  
Continuation-in-part of Ser. No. US 1999-461026,  
filed on 15 Dec 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-586673,  
filed on 1 Jun 2000, ABANDONED  
Continuation-in-part of Ser. No. US 2000-586672,  
filed on 1 Jun 2000, ABANDONED  
Continuation-in-part of Ser. No. US 1999-414905,  
filed on 8 Oct 1999, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:		
	US 1999-161453P	19991025 (60)
	US 2001-272624P	20010301 (60)
	US 2001-323016P	20010911 (60)
	US 2001-340045P	20011130 (60)
	US 2001-328738P	20011011 (60)
	US 2001-338015P	20011108 (60)
	US 2001-343523P	20011220 (60)
	US 1999-126056P	19991019 (60)
	US 1999-124087P	19990311 (60)
	US 1998-109923P	19981124 (60)
	US 1998-109924P	19981124 (60)
	US 1998-110127P	19981127 (60)
	US 1998-112206P	19981215 (60)
	US 1999-145823P	19990727 (60)
	US 1999-137745P	19990603 (60)
	US 1999-140028P	19990616 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: HOLLIS-EDEN PHARMACEUTICALS, INC., 4435 EASTGATE MALL, SUITE 400, SAN DIEGO, CA, 92121

NUMBER OF CLAIMS:

45

EXEMPLARY CLAIM:

1

LINE COUNT:

19428

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to the use of compounds to treat a number of conditions, such as thrombocytopenia, neutropenia or the delayed effects of radiation therapy. Compounds that can be used in the invention include methyl-2,3,4-trihydroxy-1-O-(7,17-dioxoandrostan-5-ene-3 $\beta$ -yl)- $\beta$ -D-glucopyranosiduronate, 16 $\alpha$ ,3 $\alpha$ -dihydroxy-5 $\alpha$ -androstan-17-one or 3,7,16,17-tetrahydroxyandrost-5-ene, 3,7,16,17-tetrahydroxyandrost-4-ene, 3,7,16,17-tetrahydroxyandrost-1-ene or 3,7,16,17-tetrahydroxyandrostane that can be used in the treatment method.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/002.000  
INCLS: 514/063.000; 514/026.000; 514/044.000; 514/169.000;  
514/173.000  
NCL NCLM: 514/002.000  
NCLS: 514/063.000; 514/026.000; 514/044.000; 514/169.000;  
514/173.000

L21 ANSWER 15 OF 19 USPATFULL on STN

09/920689

ACCESSION NUMBER: 2003:71333 USPATFULL  
TITLE: 186 human secreted proteins  
INVENTOR(S):  
Ruben, Steven M., Olney, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Carter, Kenneth C., North Potomac, MD, UNITED STATES  
Bednarik, Daniel P., Columbia, MD, UNITED STATES  
Endress, Gregory A., Florence, MA, UNITED STATES  
Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Feng, Ping, Gaithersburg, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Greene, John M., Gaithersburg, MD, UNITED STATES  
Ferrie, Ann M., Painted Post, NY, UNITED STATES  
Duan, D. Roxanne, Bethesda, MD, UNITED STATES  
Hu, Jing-Shan, Mountain View, CA, UNITED STATES  
Florence, Kimberly A., Rockville, MD, UNITED STATES  
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
Fischer, Carrie L., Burke, VA, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Brewer, Laurie A., St. Paul, MN, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
LaFleur, David W., Washington, DC, UNITED STATES  
Li, Yi, Sunnyvale, CA, UNITED STATES  
Zeng, Zhizhen, Lansdale, PA, UNITED STATES  
Kyaw, Hla, Frederick, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003049618	A1	20030313
APPLICATION INFO.:	US 2001-809391	A1	20010316 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-149476, filed on 8 Sep 1998, GRANTED, Pat. No. US 6420526 Continuation-in-part of Ser. No. WO 1998-US4493, filed on 6 Mar 1998, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-190068P	20000317 (60)
	US 1997-40162P	19970307 (60)
	US 1997-40333P	19970307 (60)
	US 1997-38621P	19970307 (60)
	US 1997-40626P	19970307 (60)
	US 1997-40334P	19970307 (60)
	US 1997-40336P	19970307 (60)
	US 1997-40163P	19970307 (60)
	US 1997-47600P	19970523 (60)
	US 1997-47615P	19970523 (60)
	US 1997-47597P	19970523 (60)
	US 1997-47502P	19970523 (60)
	US 1997-47633P	19970523 (60)
	US 1997-47583P	19970523 (60)
	US 1997-47617P	19970523 (60)

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US 1997-47618P	19970523	(60)
US 1997-47503P	19970523	(60)
US 1997-47592P	19970523	(60)
US 1997-47581P	19970523	(60)
US 1997-47584P	19970523	(60)
US 1997-47500P	19970523	(60)
US 1997-47587P	19970523	(60)
US 1997-47492P	19970523	(60)
US 1997-47598P	19970523	(60)
US 1997-47613P	19970523	(60)
US 1997-47582P	19970523	(60)
US 1997-47596P	19970523	(60)
US 1997-47612P	19970523	(60)
US 1997-47632P	19970523	(60)
US 1997-47601P	19970523	(60)
US 1997-43580P	19970411	(60)
US 1997-43568P	19970411	(60)
US 1997-43314P	19970411	(60)
US 1997-43569P	19970411	(60)
US 1997-43311P	19970411	(60)
US 1997-43671P	19970411	(60)
US 1997-43674P	19970411	(60)
US 1997-43669P	19970411	(60)
US 1997-43312P	19970411	(60)
US 1997-43313P	19970411	(60)
US 1997-43672P	19970411	(60)
US 1997-43315P	19970411	(60)
US 1997-48974P	19970606	(60)
US 1997-56886P	19970822	(60)
US 1997-56877P	19970822	(60)
US 1997-56889P	19970822	(60)
US 1997-56893P	19970822	(60)
US 1997-56630P	19970822	(60)
US 1997-56878P	19970822	(60)
US 1997-56662P	19970822	(60)
US 1997-56872P	19970822	(60)
US 1997-56882P	19970822	(60)
US 1997-56637P	19970822	(60)
US 1997-56903P	19970822	(60)
US 1997-56888P	19970822	(60)
US 1997-56879P	19970822	(60)
US 1997-56880P	19970822	(60)
US 1997-56894P	19970822	(60)
US 1997-56911P	19970822	(60)
US 1997-56636P	19970822	(60)
US 1997-56874P	19970822	(60)
US 1997-56910P	19970822	(60)
US 1997-56864P	19970822	(60)
US 1997-56631P	19970822	(60)
US 1997-56845P	19970822	(60)
US 1997-56892P	19970822	(60)
US 1997-57761P	19970905	(60)
US 1997-47595P	19970523	(60)
US 1997-47599P	19970523	(60)
US 1997-47588P	19970523	(60)
US 1997-47585P	19970523	(60)

Searcher : Shears 571-272-2528

US 1997-47586P	19970523 (60)
US 1997-47590P	19970523 (60)
US 1997-47594P	19970523 (60)
US 1997-47589P	19970523 (60)
US 1997-47593P	19970523 (60)
US 1997-47614P	19970523 (60)
US 1997-43578P	19970411 (60)
US 1997-43576P	19970411 (60)
US 1997-47501P	19970523 (60)
US 1997-43670P	19970411 (60)
US 1997-56632P	19970822 (60)
US 1997-56664P	19970822 (60)
US 1997-56876P	19970822 (60)
US 1997-56881P	19970822 (60)
US 1997-56909P	19970822 (60)
US 1997-56875P	19970822 (60)
US 1997-56862P	19970822 (60)
US 1997-56887P	19970822 (60)
US 1997-56908P	19970822 (60)
US 1997-48964P	19970606 (60)
US 1997-57650P	19970905 (60)
US 1997-56884P	19970822 (60)
US 1997-57669P	19970905 (60)
US 1997-49610P	19970613 (60)
US 1997-61660P	19971009 (60)
US 1997-51926P	19970708 (60)
US 1997-52874P	19970716 (60)
US 1997-58785P	19970912 (60)
US 1997-55724P	19970818 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

23

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS: 2 Drawing Page(s)

LINE COUNT: 26235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 435/006.000

INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;  
530/350.000; 536/023.100

NCL NCLM: 435/006.000

NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000;  
530/350.000; 536/023.100

L21 ANSWER 16 OF 19 USPATFULL on STN

09/920689

ACCESSION NUMBER: 2003:50960 USPATFULL  
TITLE: Image making medium  
INVENTOR(S): Hyman, Sydney, New York, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003035917	A1	20030220
APPLICATION INFO.:	US 2002-170503	A1	20020614 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-12259, filed on 14 Jun 2002, PENDING Continuation-in-part of Ser. No. WO 2000-US16111, filed on 12 Jun 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-138694P	19990611 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Sydney Hyman, 51 Greene Street, #3, New York, NY, 10013	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	90 Drawing Page(s)	
LINE COUNT:	24304	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to an image support medium for creation of an aesthetic image that is a work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2- or 3-dimensional shape.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 428/067.000  
INCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000  
NCL NCLM: 428/067.000  
NCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000

L21 ANSWER 17 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2003:44384 USPATFULL  
TITLE: Controlled release particles  
INVENTOR(S): Anderson, Mark T., Woodbury, MN, UNITED STATES  
Budd, Kenton D., Woodbury, MN, UNITED STATES  
Marabella, Charles P., St. Paul, MN, UNITED STATES  
Nigatu, Tadesse G., Maplewood, MN, UNITED STATES  
PATENT ASSIGNEE(S): 3M Innovative Properties Company (U.S.)

09/920689

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003031694	A1	20030213
APPLICATION INFO.:	US 2001-920689	A1	20010802 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-838854, filed on 20 Apr 2001, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Attention: Scott A. Bardell, Office of Intellectual Property Counsel, 3M Innovative Properties Company, P.O. Box 33427, St. Paul, MN, 55133-3427		
NUMBER OF CLAIMS:	108		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1294		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A particle that includes an inorganic matrix that includes channels and a composition disposed in the channels, the composition including organic structure-directing agent and active agent, e.g., pheromone, and the particle being capable of controllably releasing the active agent.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 424/421.000  
INCLS: 525/192.000  
NCL NCLM: 424/421.000  
NCLS: 525/192.000

L21 ANSWER 18 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2003:38351 USPATFULL  
TITLE: Novel genes encoding proteins having prognostic,  
diagnostic, preventive, therapeutic, and other  
uses  
INVENTOR(S): Holtzman, Douglas A., Jamaica Plain, MA, UNITED  
STATES  
Barnes, Thomas M., Brookline, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003027998	A1	20030206
APPLICATION INFO.:	US 2001-796753	A1	20010301 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998, ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22 Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072, filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-224246, filed on 30 Dec 1998, ABANDONED		

09/920689

Continuation-in-part of Ser. No. US 1999-474071,  
filed on 29 Dec 1999, ABANDONED  
Continuation-in-part of Ser. No. US 1998-223094,  
filed on 30 Dec 1998, ABANDONED  
Continuation-in-part of Ser. No. US 2000-514010,  
filed on 25 Feb 2000, ABANDONED  
Continuation-in-part of Ser. No. US 1999-259388,  
filed on 26 Feb 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-516745,  
filed on 1 Mar 2000, ABANDONED  
Continuation-in-part of Ser. No. US 2000-597993,  
filed on 19 Jun 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-336536,  
filed on 18 Jun 1999, PENDING  
Continuation-in-part of Ser. No. US 2000-630334,  
filed on 31 Jul 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-365164,  
filed on 30 Jul 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-665666,  
filed on 20 Sep 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-399723,  
filed on 20 Sep 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-667751,  
filed on 21 Sep 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-409634,  
filed on 30 Sep 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-572002,  
filed on 15 May 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-312359,  
filed on 14 May 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-606565,  
filed on 29 Jun 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-342687,  
filed on 29 Jun 1999, ABANDONED  
Continuation-in-part of Ser. No. US 2000-606317,  
filed on 29 Jun 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-345464,  
filed on 30 Jun 1999, ABANDONED

NUMBER DATE

PRIORITY INFORMATION: US 1999-122458P 19990301 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS,  
NEW YORK, NY, 100362711

NUMBER OF CLAIMS: 27

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 536 Drawing Page(s)

LINE COUNT: 22222

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated nucleic acid molecules and polypeptide molecules. The invention also provides antisense nucleic acid molecules, expression vectors containing the nucleic acid molecules of the invention, host cells into which the expression vectors have been introduced, and non-human transgenic

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animals in which a nucleic acid molecule of the invention has been introduced or disrupted. The invention still further provides isolated polypeptides, fusion polypeptides, antigenic peptides and antibodies. Diagnostic, screening and therapeutic methods utilizing compositions of the invention are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 536/023.100  
NCL NCLM: 536/023.100

L21 ANSWER 19 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2002:119846 USPATFULL  
TITLE: Human G-protein Chemokine receptor (CCR5) HDGNR10  
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EXEMPLARY CLAIM: 1  
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGNR10, and isolated polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and recombinant methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 514/001.000  
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NCL NCLM: 514/001.000

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